EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	(68/023.100).CCLS.	USPAT; USOCR	OR	OFF	2006/09/15 10:54
S2	279	(68/23.1).CCLS.	USPAT; USOCR	OR	OFF	2006/09/15 11:04
S3	94	S2 and sens$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/15 11:07
S4	52	S2 and sens$4 and prevent$4 and vibrat$5	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/15 11:07
S5	19	S2 and sens$4 and prevent$4 and vibrat$5 and detect$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/15 11:08
S6	3	S2 and sens$4 and prevent$4 and vibrat$5 and detect$4 and ball	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/15 11:09
S7	15	S2 and sens$4 and vibrat$5 and ball	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/15 11:12
S8	2756334	S2 detect$5	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/15 11:12
S9	35	S2 and detect$5	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/15 11:18
S10	92	S2 and unbalanced	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/15 11:20
S11	102	S2 and (unbalanced or eccentric)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/15 11:20
S12	12	("3509742" | "3945226" | "4729458" | "4992190" | "5070565" | "5207081" | "5230229" | "5375282" | "5520029").PN. OR ("5907880"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 11:25

| S13 | 43 | ("2895697" \| "3088593" \| "3145818" \| "3149212" \| "3227835" \| "3262661" \| "3298525" \| "3318118" \| "3447686" \| "3504777" \| "3736772" \| "4098098" \| "4449383" \| "4548590" \| "4643116" \| "4910502" \| "5050407").PN. OR ("5230229" \| "5375282").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/09/15 11:28 |

S14	189	("2081604" | "2544360" | "2575360" | "2661596" | "2667237" | "2733792" | "2807950" | "2890580" | "2892152" | "2911812" | "2917175" | "2960190" | "3014590" | "3014591" | "3051313" | "3055203" | "3084799" | "3145818" | "3152462" | "3172848" | "3174587" | "3209561" | "3216542" | "3226016" | "3227835" | "3311237" | "3318118" | "3339732" | "3394784" | "3402819" | "3422957" | "3425559" | "3499534" | "3504777" | "3509742" | "3583182" | "3739887" | "3790727" | "3803881" | "3945226" | "3945921" | "3962595" | "4096988" | "4098098" | "4099667" | "4123675" | "4195500" | "4200003" | "4232768" | "4350913" | "4351515" | "4411664" | "4437325" | "4449383" | "4455461" | "4458536" | "4528851" | "4611295" | "4681197" | "4720087" | "4729458" | "4765161" | "4849120" | "4856631" | "4896754" | "4910502" | "4920929" | "4992190" | "5015926" | "5019119" | "5070565" | "5080204" | "5081882" | "5085064" | "5140493" | "5152159" | "5207081" | "5230229" | "5269159" | "5277281" | "5284330" | "5301523" | "5325677" | "5375282" | "5375437" | "5382373" | "5390121" | "5397949" | "5452957" | "5460585" | "5492312" | "5520029" | "5523644" | "5547049" | "5561990" | "5561993" | "5573088" | "5598908" | "5606877" | "5632361" | "5661990" | "5685038" | "5713221" | "5744876" | "5744923" | "5850746" | "5907880" | "5924312" | "5956951" | "5974839" | "6032531" | "6047797" | "6065170" | "6068249" | "6070681" | "6082715" |	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 11:35

S15	14	("2311545" | "2311924" | "3098372" | "3815082" | "3958094" | "4311891" | "4455461" | "4496809" | "4910502").PN. OR ("5685038"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 11:44
S16	17	("2882360" | "3145818" | "3227835" | "3504777" | "3763670").PN. OR ("4098098"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 11:46
S17	17	("2882360" | "3145818" | "3227835" | "3504777" | "3763670").PN. OR ("4098098"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 11:44
S18	58	S2 and (unbalanced or out-of-balance) and switch	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/15 12:23
S19	3686	(wash$4 same machine) and $4balance$3 and switch$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/15 12:26
S20	1517	(wash$4 adj machine) and $4balance$3 and switch$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/15 12:28
S21	0	(wash$4 adj machine) and $4balance$3 and switch$4 and DO6F.clas.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/15 12:33
S22	0	(wash$4 adj machine) and $4balance$3 and switch$4 and DO6F.ipc.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/15 12:29
S23	0	(wash$4 adj machine) and $4balance$3 and switch$4 and DO6F.cipc.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/15 12:34
S24	0	("DO0006F").PN.	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/09/15 12:32
S25	0	(D06F37/00).CCLS.	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/09/15 12:32
S26	86	D06F 37/00.ipc.	USPAT	OR	OFF	2006/09/15 12:33

S27	1517	(wash$4 adj machine) and $4balance$3 and switch$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/15 12:34
S28	0	(wash$4 adj machine) and ($4balance$3).ab. and switch$4 and DO6F.cipc.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/15 12:34
S29	207	(wash$4 adj machine) and ($4balance$3).ab. and switch$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/15 12:51
S30	90	(wash$4 adj machine) and ($4balance$3).ab. and (switch$4 or armature) and rotat$4 and ax$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/15 12:54
S31	1079	(wash$4 adj machine) and (eccentric or $4balance$3) and (switch$4 or armature) and rotat$4 and ax$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/15 13:08
S32	14	("3583182" | "4098098" | "4449383" | "4677291" | "4742698" | "5083447" | "5269159" | "5375437" | "5561990").PN. OR ("5713221"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 13:05
S33	14	("2311545" | "2311924" | "3098372" | "3815082" | "3958094" | "4311891" | "4455461" | "4496809" | "4910502").PN. OR ("5685038"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 13:07
S34	638	(wash$4 adj machine) and (eccentric or $4balance$3) and (switch$4 or armature) and rotat$4 and ax$3 and moving	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/15 13:09
S35	664	(wash$4 adj machine) and (eccentric or $4balance$3) and (switch$4 or armature) and rotat$4 and ax$3 and (moving or swinging)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/15 13:10
S36	710	(wash$4 adj machine) and (eccentric or $4balance$3) and (switch$4 or armature) and rotat$4 and ax$3 and (moving or swinging or shifting or undulating)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/15 13:11

S37	386	(wash$4 adj machine) and (eccentric or $4balance$3) and (switch$4 or armature) and rotat$4 and ax$3 and (moving or swinging or shifting or undulating) and "68".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/15 13:12
S38	17	("2882360" | "3145818" | "3227835" | "3504777" | "3763670").PN. OR ("4098098"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 13:46
S39	32	("2882360" | "2921155" | "2957959" | "3051313" | "3145818" | "3227835" | "3272935" | "3488463" | "3504772" | "3716122" | "3763670" | "3997751" | "4098098" | "4342476" | "4449383" | "5001910" | "5038587" | "5050407").PN. OR ("5440086").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 14:35
S40	1	("3958094").PN.	USPAT; USOCR	OR	OFF	2006/09/15 14:35
S41	6	("3189719" | "3683144" | "3713055").PN. OR ("3958094"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/15 14:57
S42	2	("3504777").PN.	USPAT; USOCR	OR	OFF	2006/09/15 14:58
S43	18	("3504777").URPN.	USPAT	OR	OFF	2006/09/15 14:58
S44	86	68/12.06.ccls. and balance and control	US-PGPUB; USPAT	OR	ON	2006/09/15 15:16
S45	45	68/12.06.ccls. and balance and switch	US-PGPUB; USPAT	OR	ON	2006/09/15 15:16
S46	78	68/12.06.ccls. and unbalanced	US-PGPUB; USPAT	OR	ON	2006/09/15 15:17
S47	97	68/12.06.ccls. and (unbalanced or out-of-balance or eccentric)	US-PGPUB; USPAT	OR	ON	2006/09/15 15:19
S48	95	68/12.06.ccls. and (unbalanced or out-of-balance or eccentric)and (sens$3 or switch or detect$4)	US-PGPUB; USPAT	OR	ON	2006/09/15 15:19
S49	1	("5440086").PN.	USPAT; USOCR	OR	OFF	2006/09/19 09:38

S50	32	("2882360" | "2921155" | "2957959" | "3051313" | "3145818" | "3227835" | "3272935" | "3488463" | "3504772" | "3716122" | "3763670" | "3997751" | "4098098" | "4342476" | "4449383" | "5001910" | "5038587" | "5050407").PN. OR ("5440086").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/19 10:54
S51	0	(68/12.02/12.06/12/27/140). CCLS.	USPAT; USOCR	OR	OFF	2006/09/19 10:54
S52	180	(("0012.06") or ("0012.27")).PN. or ((68/12.02) or (/140)).CCLS.	USPAT; USOCR	OR	OFF	2006/09/19 10:56
S53	1444	((68/12.02) or (68/12.06) or (68/12.27) or (68/140) or (68/24)).CCLS.	USPAT; USOCR	OR	OFF	2006/09/19 10:58
S54	274	S53 and ($3balanc$3 or eccentric$3 or vibration$2 or nois$3)	US-PGPUB; USPAT	OR	ON	2006/09/19 10:59
S55	41	((out-of-balance) or unbalanced or eccentric) and switch and (washing adj machine) and sens$4 and ball	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/20 15:00
S56	23	((out-of-balance) or unbalanced or eccentric) and switch and (washing adj machine) and sens$4 and ball and rotational and movement	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/20 15:01
S57	492	((out-of-balance) or unbalanced) and (switch$2 or sensor$2) and (washing adj machine)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/20 15:10
S58	445	((out-of-balance) or unbalanced) and (switch$2 or sensor$2) and (washing adj machine)and rotat$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/20 15:21
S59	79	((out-of-balance) or unbalanced) and (switch$2 or sensor$2).ab. and (washing adj machine)and rotat$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/20 15:25
S60	33	((out-of-balance) or unbalanced) and (switch$2 or sensor$2).ab. and (washing adj machine)and rotat$4 and accelerat$6	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/20 15:25

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S61	29	((out-of-balance) or unbalanced) and (detect$4 and switch$2 or sensor$2).ab. and (washing adj machine)and rotat$4 and accelerat$6	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/20 15:27
S62	29	((out-of-balance or OOB) or unbalanced) and (detect$4 and switch$2 or sensor$2).ab. and (washing adj machine)and rotat$4 and accelerat$6	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/20 15:29
S63	2594	(detect$4 and switch$2 or sensor$2).ab. and rotat$4 and accelerat$6 and (ball or sphere)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/20 15:30
S64	51	(detect$4 and switch$2 or sensor$2).ab. and rotat$4 and accelerat$6 and ((ball or sphere) near moving)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/20 15:33
S65	93	(detect$4 and switch$2 or sensor$2).ab. and rotat$4 and accelerat$6 and ((ball or sphere) near moves)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/20 15:36
S66	4	("5622383" | "5791582" | "6015164").PN. OR ("6578419"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 15:36
S67	571	(detect$4 and switch$2 or sensor$2).ab. and rotat$4 and accelerat$6 and (ball or sphere) and lever	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/20 15:45
S68	0	(detect$4 and switch$2 or sensor$2) and rotat$4 and acceleratometer and (ball or sphere) and roll$3 and mov$4	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/20 15:47
S69	4632	(detect and switch or sensor) and rotat$4 and acceleration and (ball or sphere) and roll$3 and moves	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/20 15:48
S70	24516	(detect and switch or sensor) and rotat$4 and acceleration and ball or sphere and roll$3 and moves	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/20 15:48
S71	820	(detect and switch or sensor).ab. and rotat$4 and acceleration and (ball or sphere) and roll$3 and moves	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/20 15:48
S72	91	(detect and switch or sensor).ab. and rotat$4 and acceleration.ab. and (ball or sphere) and roll$3 and moves	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/20 15:48

S73	23	("3722824" | "3780314" | "3967510" | "4057200" | "4148447" | "4193565" | "4253622" | "4453681" | "4467981" | "4483495" | "4522350" | "4607805" | "4619417" | "4757954" | "5622383" | "5791582" | "6015164").PN. OR ("4619417" | "4898033" | "4943010" | "6470746" | "6578419").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 15:50
S74	6	("4057200" | "4453681" | "4483495").PN. OR ("4619417"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 15:52
S75	569	(acceleration and sensor and (ball or sphere).ab.)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 15:52
S76	119	(acceleration and sensor and (ball or sphere).ab.) and hollow	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 15:55
S77	262	(acceleration and sensor and (ball or sphere).ab.) and (hollow or spherical)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 15:53
S78	27581	(accelerometer or motion adj sensor)".ab" and (ball or sphere or spherical)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 16:37
S79	332	(accelerometer).ab. and (ball or sphere or spherical)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 15:57
S80	221	(accelerometer).ti. and (ball or sphere or spherical)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 15:57
S81	0	(accelerometer).ti. and (ball or sphere or spherical) and hollow near chamber	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 15:58
S82	54	(accelerometer).ti. and (ball or sphere or spherical) and hollow	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 16:00
S83	39	((motion or movement) and (sensor or detector)).ti. and (ball or sphere or spherical) and hollow	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 16:01
S84	0	("2005/0001579").URPN.	USPAT	OR	OFF	2006/09/20 16:09
S85	13	("3733447" | "4513183" | "4899132" | "5136127").PN. OR ("5610590").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 16:11
S86	45364	inertia and (switch or detector)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 16:12

S87	45364	(inertia and (switch or detector))"ti."	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 16:12
S88	197	(inertia and (switch or detector)). ti.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 16:14
S89	1	(inertia and (switch or detector)). ab. and (hollow near (chamber or cavity))	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 16:14
S90	54	(inertia and (switch or detector)). ab. and hollow	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 16:16
S91	1219	(inertia or accleration and (switch or detector)).ab. and hollow	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 16:17
S92	54	((inertia or accleration) and (switch or detector)).ab. and hollow	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 16:17
S93	75	((inertia or accleration) and (switch or detector)).ab. and ball	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 16:18
S94	92	((inertia or accleration or accelerometer) and (switch or detector)).ab. and ball	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 16:18
S95	3	("4723447").URPN.	USPAT	OR	OFF	2006/09/20 16:21
S96	3	("4723447").URPN.	USPAT	OR	OFF	2006/09/20 16:21
S97	3	("4723447").URPN.	USPAT	OR	OFF	2006/09/20 16:25
S98	241	(vibration and (sensor or detector)).ab. and ball	USPAT	OR	OFF	2006/09/20 16:25
S99	347	(vibration and (sensor or detector)).ab. and ball	USPAT	OR	ON	2006/09/20 16:25
S100	742	(vibration and (sensor or detector)).ab. and ball	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/20 16:57
S101	103	(vibration and (sensor or detector)).ab. and ball and spherical	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/09/20 16:26
S102	35668	(accelerometer or motion adj sensor)".ti" and (ball or sphere or spherical) and (signal with recieving)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/20 16:37

S10 3	35668	(accelerometer or (motion adj sensor))".ti" and (ball or sphere or spherical) and (signal with recieving)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/20 16:38
S10 4	31157	(accelerometer or (vibration adj sensor))".ti" and (ball or sphere or spherical) and (signal with recieving)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/20 16:38
S10 5	0	(accelerometer or (vibration adj sensor)).ab. and (ball or sphere or spherical) and (signal with recieving)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/20 16:39
S10 6	0	(accelerometer or (vibration adj sensor)).ab. and (ball or sphere or spherical) and (signal same recieving)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/20 16:39
S10 7	0	(accelerometer).ab. and (ball or sphere or spherical) and (signal same recieving)	US-PGPUB; USPAT; USOCR	OR	ON	2006/09/20 16:39
S10 8	0	accelerometer.ti. and (signal near recieving) and (ball or sphere or spherical)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 16:41
S10 9	221	accelerometer.ti. and (ball or sphere or spherical)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 16:42
S11 0	29	(vibration adj sensor).ti. and (ball or sphere or spherical)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 16:42
S11 1	33	(vibration adj sensor or vibration adj detector).ti. and (ball or sphere or spherical)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 16:43
S11 2	106	((vibrations near5 sensor) or (vibrations near5 detector) or (motion near5 sensor) or (motion near5 detector)).ti. and (ball or sphere or spherical)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 16:50
S11 3	141	((movement near5 sensor) or (moving near5 detector) or (motion near5 sensor) or (motion near5 detector)).ti. and (ball or sphere or spherical)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 16:50
S11 4	12	("3911899" | "4517514" | "4656458" | "4846195" | "4869251" | "4901569" | "5010893").PN. OR ("5183056"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 16:52

S11 5	14	("20020118167" | "3631271" | "4869251" | "5001460" | "5183056" | "5408214" | "5844482" | "5999091" | "6046678" | "6265974" | "6301795" | "6323446" | "6377166" | "6826844").PN. OR ("7061390").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 16:54
S11 6	1	("6826844").URPN.	USPAT	OR	OFF	2006/09/20 16:55
S11 7	14	("20020118167" | "3631271" | "4869251" | "5001460" | "5183056" | "5408214" | "5844482" | "5999091" | "6046678" | "6265974" | "6301795" | "6323446" | "6377166" | "6826844").PN. OR ("7061390").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 16:55
S11 8	9	("5365671" | "5917587" | "6139053" | "6301795" | "6341428" | "6470580" | "6543147" | "6622570").PN. OR ("6826844").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/09/20 16:56